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Serial No. 10/574,542
Reply to Office Action dated May 7, 2010

Docket No. 1006/0106PUS1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A heating assembly comprising:
at least one PTC element, the PTC element being arranged between two contact plates that are adapted to provide an electrical connection; and
a frame and at least one corrugated rib inside the frame,
wherein at least one of the two contact plates extends through the frame and has an offset part outside the frame, the offset part running parallel to a remaining part of the contact plate.
2. (Previously presented) The heating assembly as claimed in claim 1, wherein the frame is formed in an insulating manner.
3. (Currently amended) A heating assembly comprising:
at least one PTC element arranged between two contact plates which serve for making electrical connection; and
a frame,
wherein at least one of the two contact plates has an offset part outside the frame, the offset part ~~of the projecting part~~ of the contact plate running parallel to a remaining part of the contact plate, and

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wherein the frame has spacers, which are arranged between mutually assigned contact plates.

4. (Previously presented) The heating assembly as claimed in claim 3, wherein two spacers are provided on mutually opposite sides of the frame for each pair of mutually assigned contact plates.

5. (Previously presented) The heating assembly as claimed in claim 11, wherein between neighboring heating sections there is formed a distance which is respectively formed by a PTC element, a pair of mutually assigned contact plates and corrugated ribs.

6. (Previously presented) The heating assembly as claimed in claim 1, wherein the contact plates and the PTC element are bonded to one another by means of an adhesive or a solder.

7. (Previously presented) The heating assembly as claimed in claim 1, wherein the contact plates and the corrugated ribs are bonded to one another by means of an adhesive or a solder.

8. (Previously presented) The heating assembly as claimed in claim 1, wherein a further plate is attached to the corrugated rib on the side opposite from the contact side of the contact plate and the corrugated rib.

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9. (Previously presented) The heating assembly as claimed in claim 8, wherein the plate comprises an insulating material.

10. (Previously presented) The heating assembly as claimed in claim 8, wherein the plate comprises aluminum.

11. (Previously presented) The heating assembly as claimed in claim 1, wherein the heating assembly comprises a number of independent heating sections.

12. (Previously presented) The heating assembly as claimed in claim 1, where one of the at least two contact plates does not include an offset portion, said one of the at least two contact plates having a planar surface in contact with the PTC element, said planar surface lying entirely in one plane.

13. (Currently amended) A heating assembly comprising:

a frame;

a first electrically conducting contact plate having a length, a width and a thickness supported in the frame;

a second electrically conductive contact plate having a length, a width and a thickness supported in the frame; and

at least one positive thermal coefficient (PTC) element arranged between the first and second contact plates,

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wherein the first contact plate includes a main body and an extension of the main body in the length direction projecting outside the frame, the extension of the main body including an offset part substantially parallel to the main body, and

wherein the extension of the main body extends through an opening in the frame.

Claim 14 (Cancelled).

15. (Previously presented) The heating assembly as claimed in claim 13, wherein the second contact plate has a first surface contacting the PTC element, said first surface lying entirely in a single plane.

16. (Previously presented) The heating assembly as claimed in claim 13, wherein the PTC element contacts a first surface of the first contact plate, the first surface extending in the length and width directions.

17. (Previously presented) The heating assembly as claimed in claim 13, further including at least one corrugated rib element inside the frame.

18. (Previously presented) The heating assembly as claimed in claim 13, including third and fourth electrically conducting contact plates inside the frame and contacting another PTC element.

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19. (Previously presented) The heating assembly as claimed in claim 13, wherein the frame includes at least one spacer between the first contact plate and the second contact plate.

20. (Previously presented) The heating assembly as claimed in claim 19, wherein the at least one spacer comprises two spacers provided on opposite sides of the frame.